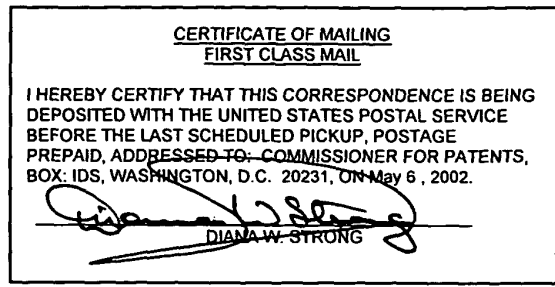


LOT 1  
A2  
5-15-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: 2879  
Hsing-Yao Chen and )  
Hsiang-Lin Chang )  
U.S. Appln. Serial No: 10/073,560 )  
Filed: February 11, 2002 )  
For: COLOR CRT ELECTRON GUN WITH )  
PROGRESSIVELY REDUCED ELECTRON )  
BEAM PASSING APERTURE SIZE )  
Attorney's Docket No.: 60 )  
  
Commissioner for Patents  
U.S. Patent and Trademark Office  
BOX: IDS-No Fee  
Washington, D.C. 20231

RECEIVED  
MAY 10 2002  
TECHNOLOGY CENTER 2800

INFORMATION DISCLOSURE STATEMENT

S I R:

The following material is cited in compliance with the provisions of 37 C.F.R. 1.56 and 1.97 through 1.99. No representation is made or intended that a search has been made or that no better art than that listed is available. As to any material supplied herewith, Applicants do not admit that it is "prior art" under 35 USC §103, and reserve the right to antedate any such material, as by a showing under 37 CFR §1.131 or other method. It is respectfully requested that these patents be made of record in this application.

In re appln. of Chen and Chang  
Serial No.: 10/073,560

**U.S. PATENTS**

U.S. Patent No. 3,524,094  
U.S. Patent No. 3,801,817  
U.S. Patent No. 4,177,462  
U.S. Patent No. 4,193,071  
U.S. Patent No. 4,225,880  
U.S. Patent No. 4,234,814  
U.S. Patent No. 4,247,869  
U.S. Patent No. 4,408,223  
U.S. Patent No. 4,439,735  
U.S. Patent No. 4,507,585  
U.S. Patent No. 4,635,106  
U.S. Patent No. 4,701,677  
U.S. Patent No. 5,113,112  
U.S. Patent No. 5,159,240  
U.S. Patent No. 5,182,492  
U.S. Patent No. 5,204,585  
U.S. Patent No. 5,220,239  
U.S. Patent No. 5,223,764  
U.S. Patent No. 5,241,240  
U.S. Patent No. 5,316,879  
U.S. Patent No. 5,327,044  
U.S. Patent No. 5,350,967  
U.S. Patent No. 5,376,505  
U.S. Patent No. 5,424,173  
U.S. Patent No. 5,483,128  
U.S. Patent No. 5,689,158

In re appln. of Chen and Ma  
Serial No.: 10/073,560

U.S. Patent No. 5,532,547

U.S. Patent No. 5,593,761

U.S. Patent No. 6,153,970

Respectfully submitted,

Dated: May 6, 2002

*Thomas E. Hill*  
\_\_\_\_\_  
Thomas E. Hill  
Attorney for Applicants  
Registration No. 28,955  
**EMRICH & DITHMAR**  
300 South Wacker Drive, Suite 3000  
Chicago, Illinois 60606  
Tel: 312-663-9800

## LIST OF PRIOR ART CITED BY APPLICANT

U.S. PATENT APPLICATION SERIAL NO.: 10/073,560

FILED: FEBRUARY 11, 2002

APPLICANTS: HSING-YAO CHEN and HSIANG-LIN CHANG

TITLE: COLOR CRT ELECTRON GUN WITH  
PROGRESSIVELY REDUCED ELECTRON  
BEAM PASSING APERTURE SIZE

GROUP NO.: 2879

ATTORNEY'S DOCKET NO. 60

RECEIVED  
MAY 10 2002  
TECHNOLOGY CENTER 2800



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	3,524,094	08/11/70	J. Hasker et al.	313	76	11/27/68
	2	3,801,817	04/02/74	Goodman	250	365	08/12/70
	3	4,177,462	12/04/79	Chung	340	703	12/30/76
	4	4,193,071	03/11/80	Hasegawa et al.	340	723	10/19/77
	5	4,225,880	09/30/80	Goodman	358	66	11/16/78
	6	4,234,814	11/18/80	Chen et al.	313	412	09/25/78
	7	4,247,869	01/27/81	Culter et al.	358	67	04/16/79
	8	4,408,223	10/04/83	Midland	358	67	06/05/81

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION YES NO	

## OTHER PRIOR ART

EXAMINER			DATE CONSIDERED.

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

## LIST OF PRIOR ART CITED BY APPLICANT

APPLICANTS: HSING-YAO CHEN and HSIANG-LIN CHANG

 TITLE: COLOR CRT ELECTRON GUN WITH  
 PROGRESSIVELY REDUCED ELECTRON  
 BEAM PASSING APERTURE SIZE

RECEIVED

MAY 10 2002

TECHNOLOGY CENTER 2800

GROUP NO.: 2879

ATTORNEY & TRADEMARK OFFICE  
CKET NO. 60

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	9	4,439,735	03/27/84	Alvite et al.	324	404	07/17/81
	10	4,507,585	03/26/85	Inoue et al.	313	471	09/16/82
	11	4,635,106	01/06/87	Shinkai	358	68	09/12/83
	12	4,701,677	10/20/87	Ashizaki et al.	315	382	07/29/85
	13	5,113,112	05/12/92	Shimoma et al.	313	412	10/25/90
	14	5,159,240	10/27/92	Chen et al.	315	14	12/09/91
	15	5,182,492	01/26/93	Chen	315	14	05/20/92
	16	5,204,585	04/20/93	Chen	315	15	04/27/92
	17	5,220,239	06/15/93	Chen	313	414	12/09/91
	18	5,223,764	06/29/93	Chen	313	414	12/09/91
	19	5,241,240	08/31/93	Chen et al.	313	414	06/01/92

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION YES NO	

## OTHER PRIOR ART

EXAMINER			DATE CONSIDERED.

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

APPLICANTS: HSING-YAO CHEN and HSIANG-LIN CHANG

TITLE:

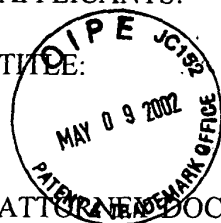
COLOR CRT ELECTRON GUN WITH TECHNOLOGY CENTER 2860  
PROGRESSIVELY REDUCED ELECTRON  
BEAM PASSING APERTURE SIZE

GROUP NO.: 2879

ATTORNEY DOCKET NO. 60

RECEIVED

MAY 10 2002



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	20	5,316,879	05/31/94	Berger et al.	430	5	07/14/92
	21	5,327,044	07/05/94	Chen	313	433	04/27/92
	22	5,350,967	09/27/94	Chen	313	413	10/28/91
	23	5,376,505	12/27/94	Berger et al.	430	296	03/16/92
	24	5,424,173	06/13/95	Wakabayashi et al.	420	296	11/26/93
	25	5,483,128	01/09/96	Chen	315	382	09/06/94
	26	5,689,158	11/18/97	Chen	315	382	08/28/96
	27	5,532,547	07/02/96	Park et al.	313	414	09/26/94
	28	5,593,761	01/14/97	Itoh et al.	428	210	06/02/95
	29	6,153,970	11/28/00	Chen et al.	313	412	04/20/98

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION YES NO	

OTHER PRIOR ART

EXAMINER			DATE CONSIDERED.

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.